

**Supplemental Table 1.** Primers, annealing temperatures and expected amplicon sizes for molecular genotyping of carbapenem-resistant Enterobacteriaceae.

Locus <sup>a</sup>	Primer	Sequence 5'-->3'	T <sub>ann</sub> <sup>b</sup>	Amplicon size (bp)	Reference
<i>bla</i> <sub>KPC</sub>	KPC-F	CGTCTAGTTCTGCTGTCTTG	57°C	798	(37)
	KPC-R	CTTGTCACTCCTGTTAGGCG			
<i>bla</i> <sub>NDM</sub>	NDM-F	GGTTTGGCGATCTGGTTTC	57°C	621	(37)
	NDM-R	CGGAATGGCTCATCACGATC			
<i>bla</i> <sub>OXA-48</sub>	OXA48-F	GCGTGGTTAAGGATGAACAC	57°C	438	(37)
	OXA48-R	CATCAAGTTCAACCCAACCG			
<i>bla</i> <sub>VIM</sub>	VIM-F	GATGGTGTGTTGGTCGCATA	57°C	390	(37)
	VIM-R	CGAATGCGCAGCACCAAG			
<i>bla</i> <sub>IMP</sub>	IMP-F	GGAATAGAGTGGCTTAAYTC	57°C	232	(37)
	IMP-R	TCGGTTAACAYAAAACAACCACC			
<i>bla</i> <sub>CTX-M</sub>	CTXM-F	CGATGTGCAGTACCAAGTAA	57°C	585	(38)
	CTXM-R	TTAGTGACCAGAACATCAGCGG			
<i>bla</i> <sub>SHV-1/11</sub>	SHV-F	GCCGGGTTATTCTTATTGTCGC	59°C	1015	(39)
	SHV-R	TCTTCCGATGCCGCCAGTCA			
<i>bla</i> <sub>SHV-12</sub>	SHV-F	GCCGGGTTATTCTTATTGTCGC	57°C	1229	This study
<i>J</i>	IS26-R	AGCGGTAAATCGTGGAGTGA			
<i>bla</i> <sub>CMY</sub>	CITM-F	TGGCCAGAACTGACAGGCAA	61°C	461	(40)
	CITM-R	TTTCTCCTGAACGTGGCTGGC			
<i>bla</i> <sub>DHA</sub>	DHAM-F	AACTTCACAGGTGTGCTGGGT	64 °C	405	(40)
	DHAM-R	CCGTACGCATACTGGCTTTGC			
<i>bla</i> <sub>FOX</sub>	FOX-F	AACATGGGGTATCAGGGAGATG	64 °C	190	(40)

	FOX-R	CAAAGCGCGTAACCGGATTGG			
<i>bla</i> <sub>TEM</sub>	TEM-F	GAAAGGGCCTCGTGATACGC	57 °C	1005	(41)
	TEM-R	TCATCCATAGTTGCCTGACTCC			

<sup>a</sup>Same primers were used for PCR amplification and for sequencing.

<sup>b</sup>Specified T<sub>ann</sub> were used for amplification with different primer sets.